Refine Search

Search Results -

Terms	Documents
L5 and L4	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

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Refine Search

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Search History

DATE: Tuesday, May 02, 2006 Printable Copy Create Case

Set Name	<u>e Query</u>	Hit Count	<u>Set Name</u>
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<u>L6</u>	L5 and 14	0	<u>L6</u>
<u>L5</u>	(synchroniz\$ and database\$ and field\$ and filter\$).clm.	31	<u>L5</u>
<u>L4</u>	(synchroniz\$ and database\$ and field\$ and filter\$).ab.	5	<u>L4</u>
<u>L3</u>	(synchroniz\$ and database\$ and field\$ and filter\$).ti.	0	<u>L3</u>
<u>L2</u>	L1	6202	<u>L2</u>
DB=US	SPT; PLUR=YES; OP=OR		
<u>L1</u>	synchroniz\$ and database\$ and field\$ and filter\$	6202	<u>L1</u>

END OF SEARCH HISTORY

First HitClear Generate Collection Print Fwd Refs **Bkwd Refs Generate OACS**

Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: JP 2005038030 A

Using default format because multiple data bases are involved.

L4: Entry 1 of 5

File: JPAB

Feb 10, 2005

PUB-NO: JP02005038030A

DOCUMENT-IDENTIFIER: JP 2005038030 A

TITLE: MOBILE TERMINAL AND SYNCHRONOUS CONTROL PROGRAM

PUBN-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME COUNTRY

TAKAOKA, MUTSUTAKA

INT-CL (IPC): $\underline{G06} \ \underline{F} \ \underline{12/00}$; $\underline{G06} \ \underline{F} \ \underline{13/00}$; $\underline{G06} \ \underline{F} \ \underline{15/00}$; $\underline{G06} \ \underline{F} \ \underline{17/30}$; $\underline{G06} \ \underline{F} \ \underline{17/60}$

Full Title Citation Front Review Classification Date Reference Claims RMC Draw Desc Image

2. Document ID: SG 114730 A1, EP 1564655 A1, CA 2496478 A1

L4: Entry 2 of 5

File: DWPI

Sep 28, 2005

DERWENT-ACC-NO: 2005-573755

DERWENT-WEEK: 200571

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Data synchronization apparatus used in radio communication system, converts normalized map values into radio air format of compressed sizes, for communication to mobile node pursuant to synchronization of data

Title Citation Front Review Classification Date Reference Claims KWWC Draw Desc Cliping Im:

3. Document ID: JP 2005038030 A

L4: Entry 3 of 5

File: DWPI

Feb 10, 2005

DERWENT-ACC-NO: 2005-186138

DERWENT-WEEK: 200520

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Portable terminal e.g. personal digital assistant for maintenance service, receives user data after filtering from relational database of RDB service, based on user identification information and stored received data in local database

Full Title Citation Front Review Classification Date Reference Claims RMC 4. Document ID: WO 200140986 A1, AU 200119494 A

L4: Entry 4 of 5

File: DWPI

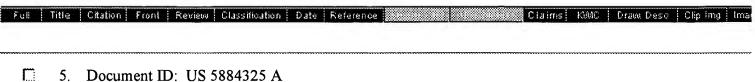
Jun 7, 2001

DERWENT-ACC-NO: 2001-408323

DERWENT-WEEK: 200143

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: PDA data retrieval system for retrieving and organizing Internet-based data has data retrieval system that downloads number of discrete data field elements stored in local storage system in at least one specified data field



L4: Entry 5 of 5

File: DWPI

Mar 16, 1999

DERWENT-ACC-NO: 1999-214416

DERWENT-WEEK: 199918

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Shared data communicating method between computers for database synchronizer

Title Citation Front	Review Classification	n Date Refer	ence		Claims	KWMC D	raud Desc Clip
	<u> </u>			1			
Clear Gener	ate Collection	a Print a	Fwd Refs	Bkwd Ref	S	Generat	te OACS

Terms						Docur	ments

Display Format: -**Change Format**

Previous Page Next Page Go to Doc#

First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 10 of 31 returned.

1. Document ID: US 20060080592 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 31

File: PGPB

Apr 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060080592

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060080592 A1

TITLE: System for management of interactions between users and software applications in a web

environment

PUBLICATION-DATE: April 13, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Alves de Moura; Francisca Rodrigues Rio de Janeiro BR de Melo Peixoto; Tiago Rio de Janeiro BR de Moura Junior; Jose Walter Rio de Janeiro BR

US-CL-CURRENT: <u>715/501.1</u>

Full	Title C	itation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KORGO	Draw, Desc	Image
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2. Document ID: US 20060036733 A1

L5: Entry 2 of 31 File: PGPB Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060036733

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060036733 A1

TITLE: Dynamic host configuration and network access authentication

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachmente	Claims	KIMC	Drawe Desc	lma
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3. Document ID: US 20050240756 A1

L5: Entry 3 of 31 File: PGPB Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050240756

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050240756 A1

TITLE: System and method for improving the efficiency, comfort, and/or reliability in Operating Systems, such as for example Windows.

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1990 Draw Desc Image

4. Document ID: US 20050203366 A1

L5: Entry 4 of 31

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050203366

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050203366 A1

TITLE: Neurological event monitoring and therapy systems and related methods

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |

5. Document ID: US 20050180341 A1

L5: Entry 5 of 31

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050180341

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050180341 A1

TITLE: Method and system for recording videoconference data

Full Title Citation Front Review Classification Date Reference Sequences Affachments Claims KMC Draw Desc Image

6. Document ID: US 20050176453 A1

L5: Entry 6 of 31

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050176453

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050176453 A1

TITLE: Apparatus, and associated method, for facilitating synchronization of databases connected by way of a radio air interface

7. Document ID: US 20050125182 A1

L5: Entry 7 of 31

File: PGPB

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw Desc Image

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050125182

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050125182 A1

TITLE: Switched flight test installation with a "packet" type data format

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1000 Draw Desc

8. Document ID: US 20040268220 A1

L5: Entry 8 of 31

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040268220

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040268220 A1

TITLE: Recognizer of text-based work

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image 9. Document ID: US 20040255137 A1

L5: Entry 9 of 31

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040255137

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040255137 A1

TITLE: Defending the name space

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw Desc Image

10. Document ID: US 20040107250 A1

L5: Entry 10 of 31

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040107250

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040107250 A1

TITLE: METHODS AND SYSTEMS FOR INTEGRATING COMMUNICATION RESOURCES USING THE INTERNET

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1000 Draw Desc Image Clear Generate Collection Fwd Refs Print Bkwd Refs Generate OACS Terms Documents (synchroniz\$ and database\$ and field\$ and 31 filter\$).clm.

> Display Format: -Change Format

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Go to Doc#

First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 11 through 20 of 31 returned.

11. Document ID: US 20040056779 A1

Using default format because multiple data bases are involved.

L5: Entry 11 of 31

File: PGPB

Mar 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040056779

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040056779 A1

TITLE: Transportation signaling device

PUBLICATION-DATE: March 25, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Rast, Rodger H.

Gold River

CA

US

US-CL-CURRENT: 340/985

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Dram Desc 1	mage

12. Document ID: US 20040002049 A1

L5: Entry 12 of 31

File: PGPB

Jan 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040002049

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040002049 A1

TITLE: Computer network-based, interactive, multimedia learning system and process

Full Title Citation Front Review Classification Date Reference Sequences Affachments Claims KMC Draw Desc Image

13. Document ID: US 20030211447 A1

L5: Entry 13 of 31

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030211447

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030211447 A1

TITLE: Computerized learning system

14. Document ID: US 20030158587 A1

L5: Entry 14 of 31

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158587

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158587 A1

TITLE: Adaptive method and apparatus for forecasting and controlling neurological disturbances

under a multi-level control

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1996 Draw Desc Image

15. Document ID: US 20020198791 A1

L5: Entry 15 of 31

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198791

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198791 A1

TITLE: Internet-based consumer product brand marketing communication system which enables manufacturers, retailers and their respective agents, and consumers to carry out product-related functions along the demand side of the retail chain in an integrated manner

Full Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | 1606 | Draw Desc | Image |

16. Document ID: US 20020172425 A1

L5: Entry 16 of 31

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020172425

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020172425 A1

TITLE: Recognizer of text-based work

Full Title Citation Front Review Classification Date Reference Sequences Affachments Claims KMC Draw Desc Image

17. Document ID: US 20020165724 A1

L5: Entry 17 of 31

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165724

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165724 A1

TITLE: Method and system for propagating data changes through data objects

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Atlachments | Claims | KMC | Draw Desc | Image |

18. Document ID: US 20020106109 A1

L5: Entry 18 of 31

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106109

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106109 A1

TITLE: System for road sign sheeting classification

Full	Title		Front	Classification				KOMIC	Diave Desc	Image
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19. Document ID: US 20020103512 A1

L5: Entry 19 of 31

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103512

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103512 A1

TITLE: Adaptive method and apparatus for forecasting and controlling neurological disturbances

under a multi-level control

Review Classification Date Re	eference Sequences Attachme	rts Claims 10000	Draw Desc Image

20. Document ID: US 20020084902 A1

L5: Entry 20 of 31

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020084902

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020084902 A1

TITLE: Translator for infants and toddlers

Full Title Citati	on i krour i Remem	o Classification Date	s i valetatica i Reduc	noss į Pitaurinen	is (Claims) N	Coole Prace Desc
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Terms					Do	cuments

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First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 21 through 30 of 31 returned.

21. Document ID: US 7024430 B1

Using default format because multiple data bases are involved.

L5: Entry 21 of 31

File: USPT

Apr 4, 2006

US-PAT-NO: 7024430

DOCUMENT-IDENTIFIER: US 7024430 B1

TITLE: Method and system for implementing a filter in a data synchronization system

DATE-ISSUED: April 4, 2006

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ingraham; Mary Edith Santa Cruz CA US
LaRue; Chris Santa Cruz CA US

US-CL-CURRENT: 707/201; 707/10, 707/202, 707/8



22. Document ID: US 6891960 B2

L5: Entry 22 of 31 File: USPT

May 10, 2005

US-PAT-NO: 6891960

DOCUMENT-IDENTIFIER: US 6891960 B2

TITLE: System for road sign sheeting classification

Full	Title Citation	Front	Review	Classification	Date Refe	rence		Claims	KAME	Drain: Desc	tm
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23. Document ID: US 6742026 B1

L5: Entry 23 of 31 File: USPT May 25, 2004

US-PAT-NO: 6742026

DOCUMENT-IDENTIFIER: US 6742026 B1

TITLE: System and method for providing a distributable runtime



24. Document ID: US 6453056 B2

Record^{List} Display

Page 2 of 3

L5: Entry 24 of 31

File: USPT

Sep 17, 2002

US-PAT-NO: 6453056

DOCUMENT-IDENTIFIER: US 6453056 B2

TITLE: Method and apparatus for generating a database of road sign images and positions

Full Title Citation Front Review Classification Date Reference Claims 1000C Draw Desc Image

25. Document ID: US 6363161 B1

L5: Entry 25 of 31

File: USPT

Mar 26, 2002

US-PAT-NO: 6363161

DOCUMENT-IDENTIFIER: US 6363161 B1

TITLE: System for automatically generating database of objects of interest by analysis of

images recorded by moving vehicle

Full Title Citation Front Review Classification Date Reference Claims Kill Dram Desc Image

1...: 20. Document ID: US 6212329 B1

L5: Entry 26 of 31

File: USPT

Apr 3, 2001

US-PAT-NO: 6212529

DOCUMENT-IDENTIFIER: US 6212529 B1

** See image for <u>Certificate of Correction</u> **
** See image for <u>Reexamination Certificate</u> **

TITLE: Synchronization of databases using filters

Full Title Citation Front Review Classification Date Reference Claims Claims KNNC Draw Desc Image

File: USPT

US-PAT-NO: 5884325

DOCUMENT-IDENTIFIER: US 5884325 A

L5: Entry 27 of 31

TITLE: System for synchronizing shared data between computers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Claims | KMC | Draw. Desc | Image |

28. Document ID: US 5870765 A

L5: Entry 28 of 31

File: USPT

Feb 9, 1999

Mar 16, 1999

US-PAT-NO: 5870765

DOCUMENT-IDENTIFIER: US 5870765 A

TITLE: Database synchronizer

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

29. Document ID: US 5758337 A

L5: Entry 29 of 31

File: USPT

May 26, 1998

US-PAT-NO: 5758337

DOCUMENT-IDENTIFIER: US 5758337 A

TITLE: Database partial replica generation system

Full Title Citation Front Review Classification Date Reference Claims RMC Draw Desc Image

30. Document ID: US 5739691 A

L5: Entry 30 of 31

File: USPT

Apr 14, 1998

US-PAT-NO: 5739691

DOCUMENT-IDENTIFIER: US 5739691 A

TITLE: Multi-frequency digital low pass filter for magnetic resonance imaging

Full Title Citation Front Review Classification Date Reference Claims NMC Draw, Desc Image

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Terms Documents (synchroniz\$ and database\$ and field\$ and filter\$).clm.

Display Format: - Change Format

Previous Page Next Page Go to Doc#

First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 31 through 31 of 31 returned.

31. Document ID: US 5404160 A

Using default format because multiple data bases are involved.

L5: Entry 31 of 31

File: USPT

NJ

NJ

Apr 4, 1995

US-PAT-NO: 5404160

DOCUMENT-IDENTIFIER: US 5404160 A

TITLE: System and method for identifying a television program

DATE-ISSUED: April 4, 1995

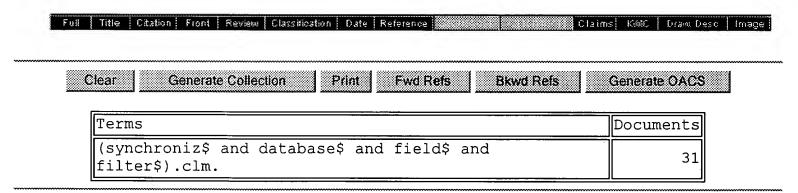
INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Schober; Gary W. Edison
Chadwick; Raymond B. Kearny

Ashley; Francis R. South Plainfield NJ

US-CL-CURRENT: 725/20; 348/461, 348/473



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Previous Page Next Page Go to Doc#



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"synchronization database" and field and filter and "subset rec



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Terms used <u>synchronization</u> <u>database</u> and <u>field</u> and <u>filter</u> and <u>subset record</u>

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Light fields and matting: A new reconstruction filter for undersampled light fields
 J. Stewart, J. Yu, S. J. Gortler, L. McMillan

June 2003 Proceedings of the 14th Eurographics workshop on Rendering EGRW '03 Publisher: Eurographics Association

Full text available: pdf(6.50 MB)

Additional Information: full citation, abstract, references, citings, index terms

This paper builds on previous research in the light field area of image-based rendering. We present a new reconstruction filter that significantly reduces the "ghosting" artifacts seen in undersampled light fields, while preserving important high-fidelity features such as sharp object boundaries and view-dependent reflectance. By improving the rendering quality achievable from undersampled light fields, our method allows acceptable images to be generated from smaller image sets. We present both ...

Keywords: aliasing, image-based rendering, light field, lumigraph, multipass rendering, reconstruction, sampling

2 Session P13: tensor visualization: Tensor field visualisation using adaptive filtering of noise fields combined with glyph rendering

Andreas Sigfridsson, Tino Ebbers, Einar Heiberg, Lars Wigström October 2002 **Proceedings of the conference on Visualization '02**

Publisher: IEEE Computer Society

Full text available: pdf(4.56 MB) Additional Information: full citation, abstract, references, index terms

While many methods exist for visualising scalar and vector data, visualisation of tensor data is still troublesome. We present a method for visualising second order tensors in three dimensions using a hybrid between direct volume rendering and glyph rendering. An overview scalar field is created by using three-dimensional adaptive filtering of a scalar field containing noise. The filtering process is controlled by the tensor field to be visualised, creating patterns that characterise the tensor f ...

Keywords: glyph rendering, hybrid rendering, strain-rate, tensor, visualisation, volume rendering

3 Technical poster session 2: multimedia networking and system support: Index-frame

audio transmission
J. R. Parker, Keith Chung

October 2004 Proceedings of the 12th annual ACM international conference on Multimedia

Publisher: ACM Press

Full text available: pdf(53.45 KB) Additional Information: full citation, abstract, references, index terms

Sending audio data over a computer network consumes a large amount of bandwidth, and so compression strategies are regularly built into audio file formats and transmission software. In some environments, the basic nature of the sound does not change significantly; for example, phone lines deal frequently with voice transmission. By matching input audio blocks against those in a table, we can transmit the table indices only, and audio can be synthesized at the receiving end by simple table loo ...

Keywords: audio synthesis, audio transmission, compression, encryption, multimedia

4	Clifford Convolution And Pattern Matching On Vector Fields	[
	Julia Ebling, Gerik Scheuermann	_
	October 2003 Proceedings of the 14th IEEE Visualization 2003 (VIS'03) VIS '03	

Publisher: IEEE Computer Society

Full text available: pdf(1.40 MB) Additional Information: full citation, abstract

The goal of this paper is to define a convolution operation which transfers image processing and pattern matching to vector fields from flow visualization. For this, a multiplication of vectors is necessary. Clifford algebra provides such a multiplication of vectors. We define a Clifford convolution on vector fields with uniform grids. The Clifford convolution works with multivector filter masks. Scalar and vector masks can be easily converted to multivector fields. So, filter masks from image p ...

Keywords: Flow Visualization, Convolution, Pattern Matching

5 Imaging vector fields using line integral convolution

Brian Cabral, Leith Casey Leedom

September 1993 Proceedings of the 20th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press

Full text available: pdf(1.48 MB) Additional Information: full citation, references, citings, index terms

Keywords: convolution, filtering, flow fields, periodic motion filtering, rendering, special effects, texture synthesis, visualization

6 Dynamically reparameterized light fields

Aaron Isaksen, Leonard McMillan, Steven J. Gortler

July 2000 Proceedings of the 27th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: pdf(2.82 MB)

Additional Information: full citation, abstract, references, citings, index lerms

This research further develops the light field and lumigraph image-based rendering methods and extends their utility. We present alternate parameterizations that permit 1) interactive rendering of moderately sampled light fields of scenes with significant, unknown depth variation and 2) low-cost, passive autostereoscopic viewing. Using a dynamic reparameterization, these techniques can be used to interactively render photographic effects such as variable focus and depth-of-field within a li ...

Keywords: autostereoscopic displays, depth of field, frequency domain analysis, imagebased rendering, light field, lumigraph, multitexturing, ray space analysis, synthetic aperture

7 Immersive sound field simulation in multi-screen projection displays	
T. Ogi, T. Kayahara, M. Kato, H. Asayama, M. Hirose May 2003 Proceedings of the workshop on Virtual environments 2003 EGVE '03	
Publisher: ACM Press	
Full text available: pdf(591.75 KB) Additional Information: full citation, abstract, references, index terms	
This paper describes the immersive sound field simulation technology that represents interactive sound field in the multi-screen projection display. In this method, convolution filters, that were calculated based on the wave equation, are replaced in real-time using the multi-channel digital signal processor, and the simulated sounds are displayed using the 16-channel speakers. In addition, compensation filters are used to reduce the influence of the screen attenuation. This system was applie	tion ing
Keywords: immersive projection display, multi-channel digital signal processor, multi-channel speaker system, sound field simulation	ii-
Using collaborative filtering to weave an information tapestry David Goldberg, David Nichols, Brian M. Oki, Douglas Terry December 1992 Communications of the ACM, Volume 35 Issue 12 Publisher: ACM Press	
Full text available: pdf(3.12 MB) Additional Information: full citation, references, citings, index terms,	
ruii text available. <u>Spuito, 12 Wiej</u>	
Keywords: information filtering, tapestry	
9 A Texture-Based Framework for Spacetime-Coherent Visualization of Time- Dependent Vector Fields Daniel Weiskopf, Gordon Erlebacher, Thomas Ertl October 2003 Proceedings of the 14th IEEE Visualization 2003 (VIS'03) VIS '03 Publisher: IEEE Computer Society	
Full text available: pdf(711.14 KB) Additional Information: full citation, abstract	
We propose Unsteady Flow Advection-Convolution (UFAC) as a novel visualization approach for unsteady flows. It performs time evolution governed by pathlines, but be spatial correlation according to instantaneous streamlines whose spatial extent is controlled by the flow unsteadiness. UFAC is derived from a generic framework that provides spacetime-coherent dense representations of time dependent-vector fields be two-step process: 1) construction of continuous trajectories in spacetime for	
Keywords : time-dependent vector fields, unsteady flow visualization, LIC, texture advection, hardware acceleration	
Behavioral synthesis of field programmable analog array circuits Haibo Wang, Sarma B. K. Vrudhula October 2002 ACM Transactions on Design Automation of Electronic Systems (TODAES), Volume 7 Issue 4 Publisher: ACM Press Full text available: pdf(519.64 KB) Additional Information: full citation, abstract, references, index terms	
This article presents methods to translate a behavioral-level analog description into a Field Programmable Analog Array (FPAA) implementation. The methods consist of sev steps that are referred to as function decomposition, macrocell synthesis, placement are routing, and postplacement simulation. The focus of this article is on the first three st	and

The function decomposition step deals with decomposing a high-order system function

http://portal.acm.org/results.cfm?coll=ACM&dl=ACM&CFID=70584498&CFTOKEN=43396444

April 2006 Proceedings of the eleventh international conference on 3D web

way

Herbert Stocker

technology Web3D '06

Publisher: ACM Press

Additional Information: full citation, abstract, references, index terms

In this work we propose an alternative animation approach to the traditional key frame based interpolation model. By way of illustration we propose a set of nodes that apply these principles to the X3D standard. In contrast to predefined key frame animations our way of defining animations allows an application to dynamically respond to the current situation and calculate an animation on the fly, while the content author can work with an extremely simple mental model for the animations. It is als ...

Keywords: VRML, X3D, animation control, camera animation, dynamics, inertia, interaction, key frame animation, linear filters, physical simulation, virtual reality

16	Enhanced Spot Noise for Vector Field Visualization	Г
	Willem C. de Leeuw, Jarke J. Van Wijk	
	October 1995 Proceedings of the 6th conference on Visualization '95	
	Publisher: IEEE Computer Society	
	Full text available: pdf(1.01 MB) Additional Information: full citation, abstract, citings Publisher Site	
	Spot noise is a technique for texture synthesis, which is very useful for vector field visualization. This paper describes improvements and extensions of the basic principle of spot noise. First, better visualization of highly curved vector fields with spot noise is achieved, by adapting the shape of the spots to the local velocity field. Second, filtering of spots is proposed to eliminate undesired low frequency components from the spot noise texture. Third, methods are described to utilize gra	
	Keywords: texture synthesis, flow visualization	
17	Visualizing vector fields using line integral convolution and dye advection Han-Wei Shen, Christopher R. Johnson, Kwan-Liu Ma October 1996 Proceedings of the 1996 symposium on Volume visualization	
	Publisher: IEEE Press	
	Full text available: pdf(4.49 MB) Additional Information: full citation, references, citings, index terms	
18	Vector fields simplification — a case study of visualizing climate modeling and simulation data sets	
	Pak Chung Wong, Harlan Foote, Ruby Leung, Elizabeth Jurrus, Dan Adams, Jim Thomas October 2000 Proceedings of the conference on Visualization '00	
	Publisher: IEEE Computer Society Press	
	Full text available: pdf(1.40 MB) Additional Information: full citation, citings, index terms	
	Keywords: meteorology, time-varying fields, vector field visualization	
19	Time critical rendering: Fast perception-based depth of field rendering	
	Jurriaan D. Mulder, Robert van Liere	
·. • .·.	October 2000 Proceedings of the ACM symposium on Virtual reality software and technology	
	Publisher: ACM Press	

Full text available: pdf(986.45 KB) Additional Information: full citation, abstract, references, index terms

Current algorithms to create depth of field (DOF) effects are either too costly to be

applied in VR systems, or they produce inaccurate results. In this paper, we present a new algorithm to create DOF effects. The algorithm is based on two techniques: one of high accuracy and one of high speed but less accurate. The latter is used to create DOF effects in the peripheral viewing area where accurate results are not necessary. The first is applied to the viewing volume focussed at by the viewer. Bo ...

Keywords: depth of field rendering, virtual reality

20 An evaluation of statistical spam filtering techniques

Le Zhang, Jingbo Zhu, Tianshun Yao

December 2004 ACM Transactions on Asian Language Information Processing (TALIP), Volume 3 Issue 4

Publisher: ACM Press

Full text available: pdf(343.64 KB) Additional Information: full citation, abstract, references, index terms

This paper evaluates five supervised learning methods in the context of statistical spam filtering. We study the impact of different feature pruning methods and feature set sizes on each learner's performance using cost-sensitive measures. It is observed that the significance of feature selection varies greatly from classifier to classifier. In particular, we found support vector machine, AdaBoost, and maximum entropy model are top performers in this evaluation, sharing similar characteristics: ...

Keywords: Spam filtering, text categorization

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